



Pacific International Pipe Enterprises, Inc.

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December 2, 1998

Zuluaga Construction
Attn: Mike Skagen
652 SW 143rd
Seattle, WA 98166

Project: Oil/Water Separators, King County Airport
Subject: Failure of Doors

Dear Mr. Skagen:

On November 11, 1998, Mike Tenove of Inwesco and I inspected the double door assembly used as access doors over an oil/water separator installed in the west perimeter roadway of the King County Airport. Our conclusion was that the doors were subjected to loads in excess of normal H-20 design. This was confirmed by a guard who pointed out that the double gate in front of the installation is used for access of heavy equipment onto the airfield.

The manufacturer of our doors, Inwesco, has designed and tested their products to meet or exceed normal H-20 highway loads. We have installed Inwesco double door assemblies in concrete covers for many years. Our only failures have been in situations where loads in excess of normal highway loading were put on the doors. Please note that H-20 truck wheel loads are specified on the contract drawings.

If I can be of further service, please do not hesitate to contact me.

Respectfully,

Larry E. Johnson
Sales Representative

LEJ:kc

cc: Mike Tenove, Inwesco

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